

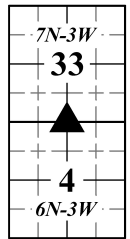
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: 7N3W_Z11

South Quarter Corner

Section 33 – T07N – R03W, 2nd P.M.

Center Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" diameter by 24" long rebar with a 1-1/2" stainless steel cap stamped "OSER IN PS#21100022" set flush.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location.

The corner is in a wooded area approximately 120 feet southeast of the house at 1997 S Orman Lane and in line with fence remains to the south, east, and west. A Greene County Survey Marker sign was attached to a t-post in east/west fence remains found S 88° W 3.9 feet from the rebar.

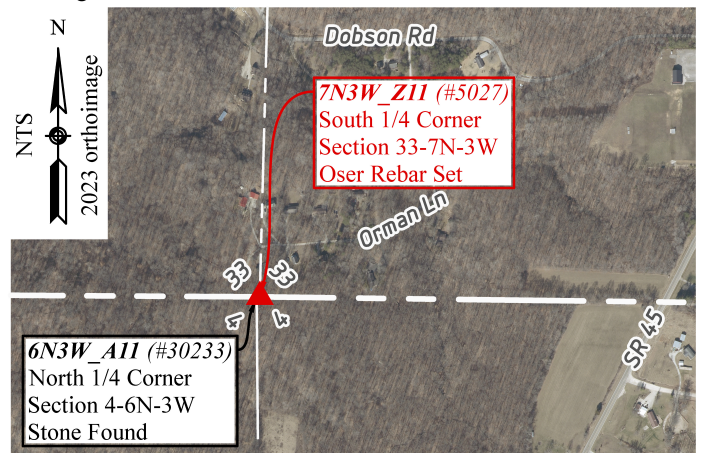
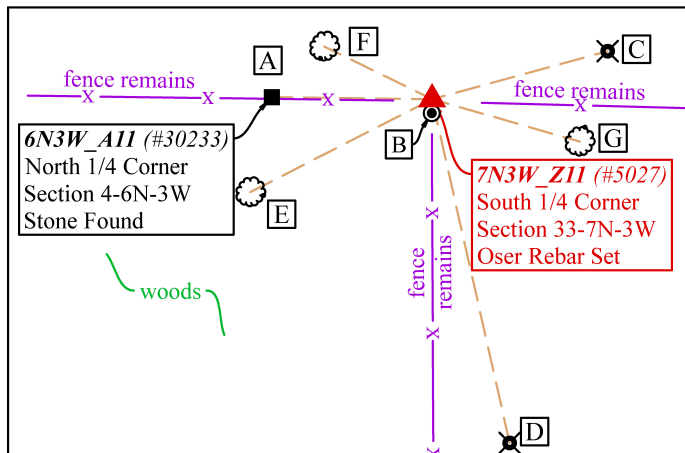
GEODETIC COORDINATES: Northing: 1364198.42, Easting: 3048182.04

WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 89°15'53" W	16.03'	6N3W_A11 (OSM #30233) North ¼ Corner of Section 4-T6N-R3W: 0.7' x 0.25' stone with + on top and no other markings found leaning north 0.3 feet above grade and approximately in line with fence remains to the east. We dug up the stone to check for marks and replanted it 6" tall with rocks all around.
B	S 1°30'42" W	1.39'	1" o.d. iron pinch-top pipe found 9" above grade and leaning north
C	N 74°43'20" E	18.20'	Rebarlite set flush
D	S 12°44'30" E	35.15'	Rebarlite set flush
E	S 63° W	26.4'	2" mag nail and 1-1/2" orange plastic disc found 4" above grade on the east side of a 5" dbh white oak with a Greene County Survey Marker sign found 5 feet above grade on the north side of the tree
F	N 64° W	12.0'	2" mag nail and 1-1/2" orange plastic disc found 4" above grade on the east side of a 3" dbh maple. Measured to the south side of the tree 28" above grade
G	S 74° E	15.3'	10" dbh maple measured to the north side 3" above grade

Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" set flush. Witness ties A through D were located with RTK.

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image.



CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

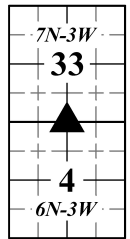
The original government land surveyors monumented the section corners and quarter corners with wooden posts in the early 1800s. The task of replacing the original wooden posts with permanent objects such as stones and establishing the

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center of section and other interior aliquot corners was left to the county surveyors (in the 1800s and early 1900s) and later to local surveyors in private practice. Our task when performing a perpetuation survey is to follow in the footsteps of the original surveyor. While the found monuments may be different from where we would establish them today based on the section and quarter section corner evidence currently available, the found monuments control because we presume they were set in good faith by the first surveyors to divide the section.

The Northeast corner of Section 4 and the Southeast corner of Section 33 share a common location and the Northwest corner of Section 4 (A09) was originally 37 links (24.42 feet) east of the Southwest corner of Section 33 (Z09). The original government surveyor did not monument the North quarter corner of Section 4-6N-3W. The location of the quarter corner should in some cases be calculated based on the areas given on the original survey plat and in others at the midpoint between section corners. Our calculations indicate that the original surveyor used the falling for the northwest corner at the North quarter corner. However, dimensions provided in an 1878 legal survey by W. Clogston (Survey Record 3, page 66) indicate that the North quarter was placed close to equidistant between the Section corners, which is common practice. If we calculate a theoretical location for the North quarter corner of Section 4 at the midpoint between section corners based on original survey distances, the falling would be 12.21 feet east of the South quarter corner of Section 33.

In 1878, Greene County Surveyor W. Clogston set a stone at the North quarter corner of Section 4 (A11). Notes in the old perpetuation index book indicate that the 30" hickory bearing tree found by Clogston was an original bearing tree for the South quarter corner of Section 33 (Z11). Based on the bearing tree notes, which are incomplete, we presume that Clogston's stone was set near the theoretical falling (12.21 feet east) from the South quarter corner of Section 33. A 0.7' x 0.25' stone with + on top and no other markings was found approximately in line with fence remains to the east at A11. We also recovered stones set by Clogston in Section 4 at A10, B09, C09, E09, and E13. We found no record of any legal surveys in the south half of Section 33. The measured distance between the stone at A11 and the stones found at A10 and A13 is 0.6 feet from the proportionate distance calculated based on dimensions in the 1878 Clogston legal survey. It is our opinion that the stone stands for the North quarter corner of Section 4 (A11).

In 1980, Edmund Farkas surveyed three tracts in the Southwest quarter of Section 33. His survey does not describe the Section corner monuments used, but ties to the survey indicate that he accepted the stone at the Center of Section 33 (X11) and accepted Clogston's stone as the South quarter corner of Section 33 (Z11).

A 1" o.d. pinch top iron pipe was found 9" tall and leaning north S 84°17'51" E 16.08 feet from the stone (depicted as Witness B on the above sketch). A wire fence heads south from the iron pipe, but the fence is far from straight, and possession to the south seems to generally fits better with the stone than with the iron pipe. The pipe was set by Raymond Graham in 1993 as the North quarter corner of Section 4 (A11). The Graham survey did not depict the stone or contain any information as to how the corner location was determined. Based on the legal description for the property to the southwest, it seems likely that the pipe was set in line with fence heading south.

In 1997, Raymond Graham divided the South half of the Southwest quarter of the Southeast quarter of Section 33 into 10 tracts and held the same iron pipe as the South quarter corner of Section 33 (Z11). In 2002, C.D. Graham accepted the iron pipe as the South quarter corner of Section 33 (Z11) and set a rebar (#30227) at the midpoint between the pipe and the Sturgeon pin at the Southwest corner of Section 33 (Z09). In 2004 and 2007, Curry and James respectively held the Graham rebar as the West 1/16 corner of Section 33 (Z10).

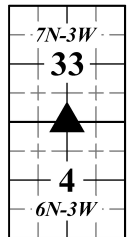
On a 2014 retracement of Graham's 1993 survey, Bernard Guerrettaz accepted the iron pipe as on the north/south half section line of Section 4, but set a capped rebar 1.75 feet north to close on the south line of Section 33. The rebar was not found. Guerrettaz referenced the found stone as the South quarter corner of Section 33 (Z11). Later in 2014, Marty James expanded on the Guerrettaz survey and held the same monuments.

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Based on a combination of the original survey and Clogston's survey, we would expect the South quarter of Section 33 (Z11) corner to fall 12.21 feet west of the stone at A11. However, we would also expect the Southwest corner of Section 33 (Z09) to be 24.42 feet west of the Northwest corner of Section 4 (A09), but the fence post/iron pin that has been accepted since 1991 is 8.78 feet *east* of the Northwest corner of Section 4. The midpoint between the fence post/iron pin at Z09 and the stone at the Southeast corner of Section 33 (Z13) is 3.91 feet east and 12.96 feet south of the stone at A11.

The theoretical location of the South quarter of Section 33 (Z11) is 28.21 feet west of the pipe (12.21 feet west of the stone.) However, due to the reliance on the pinch top pipe to divide most of the South half of the Southwest quarter and the Southwest quarter of the Southeast quarter of Section 33, we accepted it as the corner by common report. Due to the poor condition of the pipe, we set a new monument at the intersection of the line between the pipe and the stone at X11 with the line between the stones at A11 and A13. The standard procedure is to move the closing corner to the intersection with the original line, which would mean adjusting the location of the North quarter to close on the south line of Section 33. However, since the north line of Section 4 has more reliable monuments and is the older line, we opted to close onto it instead.

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811-1812 By: Arthur Henrie

Where filed or recorded: F_EV03P356

Original monument: Wooden Post

Bearing	Trees	Bearing	Distance
18"	Hickory	S 63 W	9 lks = 5.94 ft
9"	Poplar	N 77 E	12 lks = 7.92 ft

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

No legal survey records were found pertaining to this corner.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
11/14/1980	Farkas, Edmund	Survey of 3 tracts in the SW/4 of Section 33 (<i>No monument shown. Dimensions indicate that Mr. Farkas accepted the stone at A11 as the South 1/4 Corner of Section 33</i>)	GCR 1993-2438
08/30/1993	Graham, Raymond	Survey of 6.094 acres in the NE1/4 of Section 4-6N-3W (<i>Origin of the iron pipe set as the North 1/4 of Section 4</i>)	GCR 1993-4434
05/28/1997	Graham, Raymond	Survey for Parks in Sec.33 (<i>monument depicted but type not described-dimensions indicate that Mr. Graham accepted the pinch pipe as the South 1/4 of Section 33</i>)	GCR 1997-5158
07/02/2002	Graham, Charles D	Survey of 10 lots in Section 33 (<i>Accepted the 3/4" iron pipe as the South 1/4 of Section 33. Origin of the Graham rebar set at the midpoint between A09 and the pipe near A11</i>)	GCR 2002-4751
04/07/2004	Curry, Douglas	Survey of 2 tracts for Parker in the E/2, SW/4, SW/4, Section 33 (<i>Accepted the Graham rebar set at the midpoint between Z09 and the pipe near Z11 as the W/16 of Sec. 33</i>)	GCSO
05/09/2007	James, Marty	Survey in the W/2, SW/4, SW/4, Section 33 (<i>Accepted the Graham rebar set at the midpoint between Z09 and the pipe near Z11 as the W/16 of Sec. 33</i>)	GCR 2007-4003
01/17/2014	Guerrettaz, Bernard	Retracement Survey in Section 4 (<i>Accepted the stone as the South 1/4 of Section 33 and set a rebar north of the pipe to close on the Township Line.</i>)	GCR 2014-2256

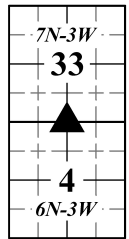
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06/26/2014	James, Marty	Survey in Section 4 (<i>Accepted BRG rebar 1.75 feet north of the Iron Pipe as the North ¼ of Section 4.</i>)	GCR 2014-3558
02/25/2022	Oser, Rachel	Corner Perpetuation Survey Jackson Township Sections 03, 04, 09 & 10 (<i>Accepted the stone as the North ¼ of Sec.4.</i>)	GCR 2022-0970

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 28.3 feet east/west and 1.75 feet north/south
- Discrepancies in the Documents: 28.3 feet.
- Inconsistencies in the lines of Occupation: 16 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED:



Photo Orientation & Description: Rebar set at Z11



Looking west at Z11 with pipe visible to the south

FIELD PERSONNEL:

Field Date: 3/26/2025 By: Rachel Oser and Phillip Oser Project: Oser Surveying & Mapping LLC Job# 10274
Corner Perpetuation Survey for Center Township Sections 27, 28, 33 & 34, Township 7 North, Range 3 West

BASIS OF GEODETIC COORDINATES: The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from RTPK or RTK GNSS observations (Javad Triumph LS Rover). Distances obtained with GPS have not been adjusted to ground. When distances to witness ties are reported to the hundredth of a foot, the coordinate of the witness tie was collected by the methods described above. When distances to witness ties are reported to the tenth of a foot, the distance was measured with a 100-foot steel tape and the bearing was collected with the internal magnetic compass of the Javad Triumph LS, in which case priority should be given to distances over bearings.

CERTIFICATION:

Rachel Oser, Indiana Professional Surveyor 21100022
Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
(812) 320-2694 • Rachel@OserSurveying.com
Date: May 9, 2025



This document is not complete without the associated plat and report of even date.